

**WHAT IS CLAIMED IS:**

1. A garden-controlling system, said system comprising:
  - a) a plurality of area-controllers, each of said area controller has a programming capability and communication capability and wherein each of said area-controllers capable to collect and transfer information;
  - b) a garden-controller with a programming capability and a communication capability enables to communicate with a computing means and to communicate with each of said area-controllers in order to program, update and/or modify said area-controllers' program; and
  - c) a programming-software to be installed on a computing means enables to program, update and/or modify said garden-controllers' program via said communication capability.
2. The system of claim 1, wherein said programming-software operative fore:
  - on-screen programming - a specific program for each of said area-controllers - of irrigation, fertilization, illumination and apparatus activating of each area of a given garden;
  - on-screen programming of said garden-controller;
  - setup the operation-criteria of each of said programs;

- pulling task-performance information and other collected information from said area-controllers; and
  - update and/or modify each of said programs via said communication capability.
3. The system of claim 1, further includes an Internet web site, said web site communicates with a plurality of garden-controllers, said web site holds updated information regarding each garden that is controlled by said garden-controller and wherein said web site enables to pull update information from each garden-controller and enables to use said programming-software to program, update and/or modify each of said garden-controllers' program.
4. The system of claim 1, wherein each of said communication capabilities can be one or plurality of the following:
- phone line or wire communication;
  - cellular communication;
  - electromagnetic waves wireless communication;
  - blue-toot communication;
  - electro-optical communication; and/or;
  - any other communication method or system.

5. The system of claim 1, wherein each of said area-controller operative – according to a program, a predetermined criteria or a command from the garden-controller - for at least one of the followings:
  - opening and closing irrigation valves;
  - activating a water pump;
  - opening and closing fertilization valves;
  - activating a fertilization pump;
  - turns illumination means on and off; and/or
  - activating any other apparatus or system.
6. The system of claim 1, further includes a plurality of sensors that are connected to at least part of said area-controllers and wherein each of said area-controllers collects information from said sensors, uses said information for local use and transmits said information to said garden-controller via said communication capability and wherein said programming-software can pull said information from said garden-controller.
7. The system of claim 6, wherein said sensors could be any combination of the followings:
  - rain sensor

- ground humidity sensor
  - water supply sensor
  - fertilizer sensor
  - pressure sensor
  - any other sensor
8. The system of claim 1, wherein said programming-software enables to program each of said area-controller correspondingly to the location of said area-controller, in order to activate irrigation, fertilization and illumination according to the location area structure and time sequence.
9. The system of claim 8, wherein said garden-controller is programmed, using said programming software, to update or modify said area-controllers' program according to a predetermined criteria, sensors information that is collected in a specific area and/or commands from said programming-software.
10. The system of claim 1, wherein said area-controller further includes a solar power supply.

11. The system of claim 1, wherein said area-controller and/or said garden-controller capable to transmit an alarm – to a predetermined communication address or phone number, via said communication capability – according to a predetermined criteria.
12. The system of claim 1, wherein said area-controller and/or said garden-controller capable to receive a code from any communication apparatus and performs predetermined actions.
13. A method for garden controlling, said method comprised of the following steps:
  - a) locating a plurality of area-controllers, each of said area controller has a programming capability and communication capability and wherein each of said area-controllers capable to collect and transfer information from a plurality of sensors;
  - b) controlling, updating and modifying said area-controllers by means of a garden-controller, said garden-controller has a programming capability and a communication capability and enables to communicate with a computing means and to communicate with each of said area-controllers; and
  - c) programming, updating and modifying said garden-controller by means of programming-software that is installed on a

computing means, via said communication capability of said garden-controller.

14. The method of claim 13, further includes the step of enabling the connection of said garden-controller to an Internet web site, said web site holds update information regarding said garden-controller and wherein said web site enables to pull update information from said garden-controller and enables to use said programming-software to program, update and/or modify each of said garden-controllers' program.